

Refine Search

Search Results -

Terms	Documents
L11 and anti\$1histamine	21

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L12

Search History

DATE: Sunday, February 06, 2005 [Printable Copy](#) [Create Case](#)

Set Name **Query**
 side by side

Hit Count **Set Name**
 result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L12</u>	L11 and anti\$1histamine	21	<u>L12</u>
<u>L11</u>	L10 and l7	65	<u>L11</u>
<u>L10</u>	diphenhydramine with tannate	73	<u>L10</u>
<u>L9</u>	diphenhydramine same tannate	90	<u>L9</u>
<u>L8</u>	diphenhydramine and tannate	166	<u>L8</u>
<u>L7</u>	diphenhydramine and male\$5	2405	<u>L7</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L6</u>	L5 and hydroxide	1	<u>L6</u>
<u>L5</u>	L1 and diphenhydramine and male\$5	1	<u>L5</u>
<u>L4</u>	6160020.pn.	1	<u>L4</u>
<u>L3</u>	6677381.pn.	1	<u>L3</u>
<u>L2</u>	L1 and diphenhydramine maleate	0	<u>L2</u>
<u>L1</u>	6287597.pn. or 5663415.pn.	2	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear

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Generate OACS

Search Results - Record(s) 1 through 10 of 21 returned.☐ 1. Document ID: US 20050020509 A1**Using default format because multiple data bases are involved.**

L12: Entry 1 of 21

File: PGPB

Jan 27, 2005

PGPUB-DOCUMENT-NUMBER: 20050020509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050020509 A1

TITLE: Process for preparing tannate liquid and semi-solid dosage forms

PUBLICATION-DATE: January 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kiel, Jeffrey S.	Gainesville	GA	US	
Thomas, H. Greg	Villa Rica	GA	US	
Mani, Narasimhan	Port Jefferson	NY	US	

US-CL-CURRENT: 514/23; 536/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Drawn De
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☐ 2. Document ID: US 20040259955 A1

L12: Entry 2 of 21

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040259955

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040259955 A1

TITLE: New pharmaceutical compositions containing ambroxol and isopropamide iodide

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Umehara, Norimitsu	Tokorozawa-shi		JP	
Miyadai, Nobuo	Narita		JP	
Okada, Minoru	Inzai		JP	

US-CL-CURRENT: 514/649

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 3. Document ID: US 20040259809 A1

L12: Entry 3 of 21

File: PGPB

Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040259809

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040259809 A1

TITLE: Pharmaceutical compositions including an antihistamine and a stimulant and method of use thereof

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gonzales, Gilbert Rene	New York	NY	US	

US-CL-CURRENT: 514/23; 514/224.8, 514/230.2, 514/255.04, 514/263.32, 514/649

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 4. Document ID: US 20040234593 A1

L12: Entry 4 of 21

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040234593

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040234593 A1

TITLE: Diphenhydramine tannate compositions and methods of use

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kiel, Jeffrey S	Gainesville	GA	US	
Thomas, H Greg	Villa Rica	GA	US	
Mani, Narasimhan	Port Jefferson	NY	US	

US-CL-CURRENT: 424/465; 424/452, 514/23

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D.
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☐ 5. Document ID: US 20040198667 A1

L12: Entry 5 of 21

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040198667
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040198667 A1

TITLE: Hot melt method for preparing diphenhydramine tannate

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redkar, Sham N.	Bound Brook	NJ	US	
Achari, Raja G.	Millington	NJ	US	
Schleck, James R.	Somerset	NJ	US	
Chopdekar, Vilas M.	Edison	NJ	US	

US-CL-CURRENT: 514/23; 536/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 6. Document ID: US 20040147606 A1

L12: Entry 6 of 21

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040147606
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040147606 A1

TITLE: Medicinal compositions

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Onuki, Yoichi	Narita-shi		JP	
Okada, Minoru	Inzai-shi		JP	
Sakai, Hirokata	Yotsukaido-shi		JP	
Kanbe, Hideyoshi	Ichikawa-shi		JP	
Mizuno, Hiroyuki	Tomisato-shi		JP	
Imamori, Katsumi	Yotsukaido-shi		JP	

US-CL-CURRENT: 514/561; 514/165, 514/570

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. D
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☐ 7. Document ID: US 20040147605 A1

L12: Entry 7 of 21

File: PGPB

Jul 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040147605

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040147605 A1

TITLE: Drug preparations

PUBLICATION-DATE: July 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Onuki, Yoichi	Chiba		JP	
Okada, Minoru	Chiba		JP	
Sakai, Hirotaka	Chiba		JP	
Kanbe, Hideyoshi	Chiba		JP	
Mizuno, Hiroyuki	Chiba		JP	
Imamori, Katsumi	Chiba		JP	

US-CL-CURRENT: 514/561

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 8. Document ID: US 20040141925 A1

L12: Entry 8 of 21

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040141925
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040141925 A1

TITLE: Novel triamcinolone compositions

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bosch, H. William	Bryn Mawr	PA	US	
Ostrander, Kevin D.	Ringoes	NJ	US	
Cooper, Eugene R.	Berwyn	PA	US	

US-CL-CURRENT: 424/46; 424/489

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 9. Document ID: US 20040033258 A1

L12: Entry 9 of 21

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040033258
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040033258 A1

TITLE: Solid preparations

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Koike, Masahiko	Toyonaka-shi		JP	

US-CL-CURRENT: 424/465

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 10. Document ID: US 20040028724 A1

L12: Entry 10 of 21

File: PGPB

Feb 12, 2004

PGPUB-DOCUMENT-NUMBER: 20040028724

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040028724 A1

TITLE: Pharmaceutical preparation of percutaneous absorption type

PUBLICATION-DATE: February 12, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Terahara, Takaaki	Tsukuba-shi		JP	
Aida, Kazunosuke	Tsukuba-shi		JP	
Higo, Naruhito	Tsukuba-shi		JP	
Sato, Shuji	Tsukuba-shi		JP	

US-CL-CURRENT: 424/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Search Results - Record(s) 11 through 20 of 21 returned.

☐ 11. Document ID: US 20030187070 A1**Using default format because multiple data bases are involved.**

L12: Entry 11 of 21

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187070

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187070 A1

TITLE: Ibuprofen solutions for capsule-filling and capsule preparations

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kato, Soichiro	Numazu-shi		JP	
Tsumori, Katsuyuki	Fujinomiya-shi		JP	
Shinoda, Yasuo	Shizuoka-shi		JP	
Inagi, Toshio	Mishima-shi		JP	

US-CL-CURRENT: 514/570; 424/452

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KINC	Draw. De
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☐ 12. Document ID: US 20030114392 A1

L12: Entry 12 of 21

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030114392

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030114392 A1

TITLE: Process for preparing pseudoephedrine tannate

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Redkar, Sham N.	Bound Brook	NJ	US	
Schleck, James R.	Somerset	NJ	US	
Chopdekar, Vilas M.	Edison	NJ	US	

US-CL-CURRENT: 514/23; 536/119

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 13. Document ID: US 20030092754 A1

L12: Entry 13 of 21

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092754

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030092754 A1

TITLE: External preparation for skin diseases containing nitroimidazole

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nishimuta, Nishizumi	Fukuoka-Shi		JP	
Nishimuta, Kazuhiro	Fukuoka-Shi		JP	

US-CL-CURRENT: 514/398

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 14. Document ID: US 20030060422 A1

L12: Entry 14 of 21

File: PGPB

Mar 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030060422

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030060422 A1

TITLE: Tannate compositions and methods of treatment

PUBLICATION-DATE: March 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Venkataraman, Balaji	Roswell	GA	US	

US-CL-CURRENT: 514/23; 514/649, 514/718

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 15. Document ID: US 20030050252 A1

L12: Entry 15 of 21

File: PGPB

Mar 13, 2003

PGPUB-DOCUMENT-NUMBER: 20030050252

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030050252 A1

TITLE: Process for preparing tannate liquid and semi-solid dosage forms

PUBLICATION-DATE: March 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kiel, Jeffrey S.	Gainesville	GA	US	
Thomas, H. Greg	Villa Rica	GA	US	
Mani, Narasimhan	Gainesville	GA	US	

US-CL-CURRENT: 514/23; 536/110

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 16. Document ID: US 6790980 B1

L12: Entry 16 of 21

File: USPT

Sep 14, 2004

US-PAT-NO: 6790980

DOCUMENT-IDENTIFIER: US 6790980 B1

**** See image for Certificate of Correction ****

TITLE: Tannate compositions and methods of treatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 17. Document ID: US 6509492 B1

L12: Entry 17 of 21

File: USPT

Jan 21, 2003

US-PAT-NO: 6509492

DOCUMENT-IDENTIFIER: US 6509492 B1

**** See image for Certificate of Correction ****

TITLE: Tannate compositions and methods of treatment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 18. Document ID: US 6270789 B1

L12: Entry 18 of 21

File: USPT

Aug 7, 2001

US-PAT-NO: 6270789

DOCUMENT-IDENTIFIER: US 6270789 B1

TITLE: Base for suppository

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 19. Document ID: US 5759579 A

L12: Entry 19 of 21

File: USPT

Jun 2, 1998

US-PAT-NO: 5759579

DOCUMENT-IDENTIFIER: US 5759579 A

TITLE: Pharmaceutical suspension systems

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 20. Document ID: US 5422118 A

L12: Entry 20 of 21

File: USPT

Jun 6, 1995

US-PAT-NO: 5422118

DOCUMENT-IDENTIFIER: US 5422118 A

TITLE: Transdermal administration of amines with minimal irritation and high transdermal flux rate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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L11 and anti\$1histamine

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Search Results - Record(s) 21 through 21 of 21 returned.

☐ 21. Document ID: JP 06287144 A

L12: Entry 21 of 21

File: DWPI

Oct 11, 1994

DERWENT-ACC-NO: 1994-363537

DERWENT-WEEK: 199445

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TITLE: Preparation effective against common cold - contains crude drug extracted from e.g. Bupleuri radix and non-crude drug e.g. analgesic or antihistamine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Data
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s diphenhydramine maleate/cn

L1 0 DIPHENHYDRAMINE MALEATE/CN

=> e diphenhydramine maleate/cn

E1 1 DIPHENHYDRAMINE HYDROCHLORIDE/CN
E2 1 DIPHENHYDRAMINE HYDROIODIDE/CN
E3 0 --> DIPHENHYDRAMINE MALEATE/CN
E4 1 DIPHENHYDRAMINE METHIODIDE/CN
E5 1 DIPHENHYDRAMINE N-GLUCURONIDE/CN
E6 1 DIPHENHYDRAMINE N-OXIDE/CN
E7 1 DIPHENHYDRAMINE NITRATE/CN
E8 1 DIPHENHYDRAMINE P-TOLUENESULFONATE/CN
E9 1 DIPHENHYDRAMINE PAMOATE/CN
E10 1 DIPHENHYDRAMINE PERCHLORATE/CN
E11 1 DIPHENHYDRAMINE PICRATE/CN
E12 1 DIPHENHYDRAMINE SALICYLATE/CN

=> e diphenhydramine/cn

E1 1 DIPHENETHYLMERCURY/CN
E2 1 DIPHENEX/CN
E3 1 --> DIPHENHYDRAMINE/CN
E4 1 DIPHENHYDRAMINE 8-CHLOROTHEOPHYLLINATE/CN
E5 1 DIPHENHYDRAMINE ASCORBATE/CN
E6 1 DIPHENHYDRAMINE CITRATE/CN
E7 1 DIPHENHYDRAMINE ETHYL P-NITROBENZOYLCYANOACETATE/CN
E8 1 DIPHENHYDRAMINE HYDROBROMIDE/CN
E9 1 DIPHENHYDRAMINE HYDROCHLORIDE/CN
E10 1 DIPHENHYDRAMINE HYDROIODIDE/CN
E11 1 DIPHENHYDRAMINE METHIODIDE/CN
E12 1 DIPHENHYDRAMINE N-GLUCURONIDE/CN

=> d diphenhydramine/cn

'DIPHENHYDRAMINE' MUST END IN '/Q', '/A', '/L', '/S' OR '/B'

The saved name for a query (or structure or screen set) must end with '/Q'. The saved name for an answer set must end with '/A'. The saved name for an L# list must end with '/L'. SDI request names must end with '/S'. To see a list of all saved query, answer set,, and L# list names for this loginid, enter "DISPLAY SAVED" at an arrow prompt (=>). Enter "DISPLAY SAVED/S" to see a list of SDI request names. Enter "DISPLAY SAVED/B" to see a list of BATCH search requests.

=> s diphenhydramine/cn

L2 1 DIPHENHYDRAMINE/CN

=> d

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 58-73-1 REGISTRY

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethylamine, 2-(diphenylmethoxy)-N,N-dimethyl- (7CI, 8CI)

OTHER NAMES:

CN α -(2-Dimethylaminoethoxy)diphenylmethane

CN β -Dimethylaminoethanol diphenylmethyl ether

CN β -Dimethylaminoethylbenzhydrylether

CN 2-(Benzhydryloxy)-N,N-dimethylethylamine
 CN 2-(Diphenylmethoxy)-N,N-dimethylethylamine
 CN Benzhydramine
 CN Dimedrol base
 CN **Diphenhydramine**
 CN DPH
 CN FAR 90X2
 CN N-[2-(Diphenylmethoxy)ethyl]-N,N-dimethylamine
 CN NSC 665800
 CN O-Benzhydryldimethylaminoethanol
 CN Probedryl
 FS 3D CONCORD
 MF C17 H21 N O
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DIOGENES, DRUGU, EMBASE, HODOC*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, NAPRALERT, NIOSHTIC, PHAR, PROMT, PS, RTECS*, SPECINFO, TOXCENTER, USAN, USPAT2, USPATFULL, VETU
 (*File contains numerically searchable property data)
 Other Sources: EINECS**, NDSL**, TSCA**, WHO
 (**Enter CHEMLIST File for up-to-date regulatory information)
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

Ph₂CH-O-CH₂-CH₂-NMe₂

****PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT****

3286 REFERENCES IN FILE CA (1907 TO DATE)
 77 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3293 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s maleate

L3 8726 MALEATE

=> s maleate/cn

L4 1 MALEATE/CN

=> d

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 18610-42-9 REGISTRY

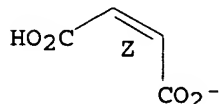
CN 2-Butenedioic acid (2Z)-, ion(1-) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2-Butenedioic acid (Z)-, ion(1-)

CN Maleic acid, ion(1-) (8CI)
 OTHER NAMES:
 CN Hydrogen maleate
 CN Hydrogen maleate ion(1-)
 CN **Maleate**
 CN Maleate ion(1-)
 CN Maleate monoanion
 CN Maleic acid monoanion
 FS STEREOSEARCH
 MF C4 H3 O4
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS,
 BIOTECHNO, CA, CAPLUS, CASREACT, CIN, CSCHEM, DIOGENES, EMBASE, GMELIN*,
 PIRA, PROMT, TOXCENTER, TULSA, USPATFULL
 (*File contains numerically searchable property data)
 DT.CA CAPLUS document type: Journal; Patent
 RL.P Roles from patents: BIOL (Biological study); PROC (Process); USES
 (Uses)
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological
 study); FORM (Formation, nonpreparative); PREP (Preparation); PROC
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);
 NORL (No role in record)

Double bond geometry as shown.



69 REFERENCES IN FILE CA (1907 TO DATE)
 69 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	24.23	24.44

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FILE COVERS 1907 - 6 Feb 2005 VOL 142 ISS 7
 FILE LAST UPDATED: 4 Feb 2005 (20050204/ED)

This file contains CAS Registry Numbers for easy and accurate
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=> s 58-73-1 and 18610-42-9

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
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L6 69 L5

REGISTRY INITIATED

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L8 3293 L7

L9 0 L8 AND L6

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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STRUCTURE FILE UPDATES: 4 FEB 2005 HIGHEST RN 825667-31-0
DICTIONARY FILE UPDATES: 4 FEB 2005 HIGHEST RN 825667-31-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s tannate/cn

L10 0 TANNATE/CN

=> s tannic acid/cn

L11 1 TANNIC ACID/CN

=> d

L11 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN

RN 1401-55-4 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN Tannins (CA INDEX NAME)

OTHER NAMES:

CN AL

CN AL (tannin)

CN Bondtite 345

CN Brewtan

CN Catechins

CN Colatan GT 100

CN Excellence Vintage

CN F-Tannin

CN Floctan 1

CN Floctan 3

CN Fresh Shiraimatsu FS 500M

CN FS 500M

CN Gallotannic acid

CN Gallotannic acids

CN Gallotannin

CN Gallotannins

CN Hifix SL

CN Hifix SLA

CN Lexsod P

CN MP-TR

CN Quertanil

CN Resorcinex Pecan Tannin 9901L

CN Sunlife TN

CN Tanal 1

CN Tanaphen P 500

CN Tanex RS 93

CN **Tannic acid**

CN Tannic acid AL

CN Tannic Acid KT

CN Tannic Acid X

CN Tannic acids

CN Tannin

CN Textan 3

CN TW 75

CN Vitanyl B

CN Vitanyl IM

CN Weibull

DEF Gallic acid derivatives found in nutgalls, bark and other plant parts, especially oak bark.

DR 93615-37-3, 67167-65-1, 61790-06-5, 73891-88-0

MF Unspecified

CI COM, MAN, CTS

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHM, CSNB, DDFU, DIOGENES, DRUGU, EMBASE, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, NAPRALERT, NIOSHTIC, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL, VTB
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Journal; Patent; Report

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

42 REFERENCES IN FILE CA (1907 TO DATE)

42 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
11.90	42.33

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FILE COVERS 1907 - 6 Feb 2005 VOL 142 ISS 7
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=> s 58-73-1 and 1401-55-4

REGISTRY INITIATED

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L13 43 L12

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
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L15 3293 L14

L16 0 L15 AND L13

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.68	48.77

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.13	49.22

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FILE COVERS 1907 - 6 Feb 2005 VOL 142 ISS 7
FILE LAST UPDATED: 4 Feb 2005 (20050204/ED)

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=> s 58-73-1 and tannic acid

REGISTRY INITIATED

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L18 3293 L17

7582 TANNIC
3932868 ACID
6052 TANNIC ACID

(TANNIC(W)ACID)
L19 11 L18 AND TANNIC ACID

=> s 58-73-1 and maleate

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L21 3293 L20

29113 MALEATE
L22 268 L21 AND MALEATE

=> s 122 and sodium hydroxide

964015 SODIUM

253681 HYDROXIDE

75419 SODIUM HYDROXIDE

(SODIUM(W)HYDROXIDE)

L23 3 L22 AND SODIUM HYDROXIDE

=> d 1-3 ibib abs hitstr

L23 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:825118 CAPLUS

DOCUMENT NUMBER: 141:320089

TITLE: Hot melt method for preparing diphenhydramine tannate
INVENTOR(S): Redkar, Sham N.; Achari, Raja G.; Schleck, James R.;
Chopdekar, Vilas M.

PATENT ASSIGNEE(S): Jame Fine Chemicals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 4 pp., Cont.-in-part of U.S.
Ser. No. 269,714.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004198667	A1	20041007	US 2004-826538	20040416
US 6677381	B1	20040113	US 2001-17131	20011214
PRIORITY APPLN. INFO.:			US 2001-17131	A2 20011214
			US 2002-269714	A2 20021011

AB The invention pertains to a method for preparing diphenhydramine tannate by reacting diphenhydramine free base at a temperature of about 75 to about 150° C. with tannic acid neat or as an aqueous slurry containing up to about 20 weight % water. The diphenhydramine free base may be obtained by reacting a com. available diphenhydramine salt such as diphenhydramine maleate with a base such as aqueous sodium hydroxide. The resultant diphenhydramine tannate has extended release properties and is useful in pharmaceutical compns. as an antihistamine for human beings.

IT 58-73-1, Diphenhydramine

RL: RCT (Reactant); RACT (Reactant or reagent)

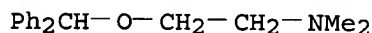
(hot melt method for preparing diphenhydramine tannate)

RN 58-73-1 CAPLUS

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)



IT 58-73-1DP, Diphenhydramine, reaction products with tannic acid
RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(hot melt method for preparing diphenhydramine tannate)
RN 58-73-1 CAPLUS
CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

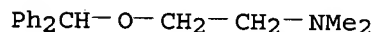


L23 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:472271 CAPLUS
DOCUMENT NUMBER: 141:28671
TITLE: Stick-type aqueous preparations for treatment of skin diseases
INVENTOR(S): Yasuda, Yoichi; Ogawa, Atsuko
PATENT ASSIGNEE(S): Noevir Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 12 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004161625	A2	20040610	JP 2002-326339	20021111
PRIORITY APPLN. INFO.:			JP 2002-326339	20021111

AB Title preps., which are applied to the skin without soiling fingers, contain active ingredients, water-soluble polyols, higher fatty acid salts, water-soluble polymers, and water. Thus, an emulsion containing glycerin, 1,3-butylene glycol, carrageenan, xanthan gum, NaOH, palmitic acid, stearic acid, and clotrimazole was molded to give a skin-moisturizing nonirritating stick, which showed good storage stability at 50° for ≥1 mo.

IT 58-73-1D, Diphenhydramine, tannate
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(stick-type aqueous preps. for treatment of skin diseases)
RN 58-73-1 CAPLUS
CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)



L23 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2000:875749 CAPLUS
DOCUMENT NUMBER: 134:33001
TITLE: Alkali metal and alkaline-earth metal salts of acetaminophen
INVENTOR(S): Ohannesian, Lena A.; Nadig, David; Higgins, John D., III; Rey, Max; Martellucci, Stephen A.
PATENT ASSIGNEE(S): McNeil-PPC, Inc., USA
SOURCE: U.S., 10 pp., Cont.-in-part of U.S. Ser. No. 987,210,

abandoned.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6160020	A	20001212	US 1998-100284	19980619
WO 9966919	A1	19991229	WO 1999-US13064	19990609
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9943380	A1	20000110	AU 1999-43380	19990609
PRIORITY APPLN. INFO.:				
			US 1996-771176	B2 19961220
			US 1997-987210	B2 19971209
			US 1998-100284	A 19980619
			WO 1999-US13064	W 19990609
AB	Isolated salts of acetaminophen are disclosed. Alkali metal and alkaline-earth metal salts of acetaminophen are formed by reacting the free acid of acetaminophen with the corresponding metal hydroxide and then immediately isolating the resulting salt. These salts have been found to be more water soluble and less bitter in taste than the free acid form of acetaminophen. The isolated salts may also be combined with other active ingredients. A tablet contained calcium acetaminophen 368.23, chlorpheniramine maleate 2, microcryst. cellulose 520.77, silica 4.5, and Mg stearate 4.5 mg.			
IT	58-73-1, Diphenhydramine RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (oral compns. containing acetaminophen metal salt and other actives)			
RN	58-73-1 CAPLUS			
CN	Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)			

Ph₂CH—O—CH₂—CH₂—NMe₂

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l19 and py<2001
20649359 PY<2001
L24 3 L19 AND PY<2001

=> d 1-3 ibib abs hitstr

L24 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1997:599327 CAPLUS
DOCUMENT NUMBER: 127:262512
TITLE: Preparation of antihistamine tannates.
INVENTOR(S): Chopdekar, Vilas M.; Schleck, James R.; Brown, Vernon A.; Guo, Cheng
PATENT ASSIGNEE(S): Jame Fine Chemicals, Inc., USA
SOURCE: U.S., 4 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5663415	A	19970902	US 1996-671604	19960628 <--
PRIORITY APPLN. INFO.:			US 1996-671604	19960628

AB An antihistamine free base is contacted with **tannic acid** in the presence of H₂O for 5 min to 4 h at a maximum temperature such that ≤5 weight % of the antihistamine tannate will be decomposed followed by freeze drying to remove ≥90% of the H₂O at a temperature and pressure such that decomposition is limited to ≤5%. Thus, phenylephrine was added over 15 min. to **tannic acid** in H₂O at 22° followed by stirring for 2 h. The mixture was then freeze-dried at 200-100 mtorr ant -50° to -40° for 36 h to give 96% phenylephrine tannate containing 2 weight% H₂O.

IT 58-73-1, Diphenhydramine

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of antihistamine tannates)

RN 58-73-1 CAPLUS

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

Ph₂CH-O-CH₂-CH₂-NMe₂

L24 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1997:189461 CAPLUS

DOCUMENT NUMBER: 126:190760

TITLE: Dphenhydramines as melanin formation inhibitors for skin preparations

INVENTOR(S): Hashizume, Ron; Ootsuki, Yoshikazu; Kamoda, Hironobu

PATENT ASSIGNEE(S): Adobansuto Sukin Risaachi Kenk, Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08337511	A2	19961224	JP 1995-148559	19950615 <--
PRIORITY APPLN. INFO.:			JP 1995-148559	19950615

AB Melanin formation inhibitors contain diphenhydramine (I) or its acid (e.g. HCl, **tannic acid**, lauryl sulfuric acid) salts as active ingredients. A skin-lightening emulsion was prepared containing I.HCl 0.5, KF 56 (silicone) 2, iso-Pr myristate 3, polyoxyethylene-polyoxypropylene cetyl ether 1, glycerin 3, Hiviswako 105 0.2, EtOH 5, antiseptics, antioxidants, perfumes, and H₂O to 100 weight parts. I showed in vitro cell-lightening effect on melanoma HM3KO cells and in vivo pigmentation-inhibiting effect on guinea pig irradiated with UV-A.

IT 58-73-1, Diphenhydramine 58-73-1D, Diphenhydramine, **tannic acid** salts

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(diphenhydramines as melanin formation inhibitors for skin preps.)

RN 58-73-1 CAPLUS

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

Ph₂CH-O-CH₂-CH₂-NMe₂

RN 58-73-1 CAPLUS

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

Ph₂CH-O-CH₂-CH₂-NMe₂

L24 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1981:503245 CAPLUS

DOCUMENT NUMBER: 95:103245

TITLE: Sorption properties of cross-linked insoluble poly(vinyl pyrrolidone)

AUTHOR(S): Froemming, K. H.; Ditter, W.; Horn, D.

CORPORATE SOURCE: Inst. Pharm., Freie Univ. Berlin, Berlin, 1000/33, Fed. Rep. Ger.

SOURCE: Journal of Pharmaceutical Sciences (1981), 70(7), 738-43

CODEN: JPMSAE; ISSN: 0022-3549

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The interaction of 32 drugs of diverse chemical structure with crosslinked insol. poly(vinylpyrrolidone) (crospovidone) [9003-39-8] was studied. By using a polymer to drug ratio of 10:1, the sorbed amount for 20 compds. was <5%. After a 10-fold decrease of the polymer concentration, the sorbed amount of 8

other compds. fell to or below the 5% level. Only **tannic acid** and hexylresorcinol [136-77-6] exhibited a significantly stronger sorption tendency. The interaction appeared to be controlled by phenolic groups in the active ingredient. The binding can be quantified by an interaction constant, K_s, whose definition is based on a bulk phase model of interaction via independent binding sites. The exceptionally strong binding of hexylresorcinol, however, apparently was caused by cooperative interaction of the hexyl groups in the bound state. Desorption studies revealed that the binding was fully reversible in all cases. Therefore, the presence of crosslinked polyvinylpyrrolidone as a disintegrant in pharmaceutical prepns. is not expected to interfere with gastrointestinal drug absorption.

IT 58-73-1

RL: PEP (Physical, engineering or chemical process); PROC (Process) (sorption of, on crosslinked poly(vinylpyrrolidone))

RN 58-73-1 CAPLUS

CN Ethanamine, 2-(diphenylmethoxy)-N,N-dimethyl- (9CI) (CA INDEX NAME)

Ph₂CH-O-CH₂-CH₂-NMe₂